

Calendar

Thursday, August 31

2:30 p.m. Theoretical Physics Seminar - Theory Conf Room (WH3NW)

Speaker: G. Barenboim, Universidad de Valencia

Title: The Dark Side of Inflation

3:30 p.m. DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

4:00 p.m. Accelerator Physics and Technology Seminar - 1 West

Speaker: J. Peters, DESY

Title: The History of H-Source Development

Friday, September 1

3:30 p.m. DIRECTOR'S COFFEE

BREAK - 2nd Flr X-over

4:00 p.m. Joint Experimental Theoretical Physics Seminar - 1 West

Speaker: D. Hooper, Fermilab

Title: Probing SUSY with Dark Matter Experiments

[Click here](#) for a full calendar with links to additional information.

Weather



Partly Cloudy **79°/55°**

[Extended Forecast](#)

[Weather at Fermilab](#)

Current Security Status

[Secou Level 3](#)

Wilson Hall Cafe

Profiles

From cheese festivals to hayrides, Votava has it down



Computing Division's Margaret Votava created an online calendar for Warrenville residents.

Want to learn how to catch, gut and cook a catfish? Or maybe you'd rather attend a play where actors wander around and the audience follows? Whatever quirky class or event you'd like to do in or near Warrenville, you can find it quickly on a new website created by Margaret Votava of the Computing Division. "There is some really cool stuff happening," she said. "And there is really quirky stuff, too."

Votava started the online, interactive calendar as a hobby. "Part of the inspiration was looking for cool things to expose my son to," she said. She spent about 50 hours developing the site in the last 30 days--grabbing an hour or so after she puts her 3-year-old son to bed. "But sometimes I get so engrossed that I'll work till 2:00 in the morning," she said.

Votava's day job--working on control

Fermilab Result of the Week

Summing it up



DZero collaborators who participated in the Manchester workshop.

Last week, the DZero collaboration met in Manchester, UK for their yearly workshop. This retreat serves as a time to set goals for the coming year and to evaluate how well things have progressed since the last meeting. As the Tevatron enters Run IIb, the 2006 DZero workshop has set the stage for an exciting year of physics, with over 130 talks presented. The themes of the meeting centered around physics analysis, algorithms at high luminosity, and commissioning of the detector and trigger upgrades.

At the end of the Tevatron shutdown in early June, the DZero detector was prepared to begin Run IIb with an [upgraded Level-1](#) triggering system to handle the higher Tevatron luminosities of Run IIb and a newly installed inner "[Layer-0](#)" silicon microstip tracker to improve tracking and vertexing. Despite these challenges, the dedicated detector and operations experts were able to have the DZero experiment recording data within the first half hour of delivered beams in Run IIb. The DZero data-

Thursday, August 31

- Tomato Florentine
- Grilled Chicken Cordon Bleu Sandwich
- Chimichangas
- Chicken Marsala
- Smoked Turkey Melt
- Assorted Slice Pizza
- SW Chicken Salad w/Roasted Corn Salsa

[Wilson Hall Cafe Menu](#)

Chez Leon**Thursday, August 31****Dinner**

- Melon and Prosciutto
- Grilled Duck w/Zinfandel Fig Sauce
- Wild Rice and Orzo
- Oven Roasted Tomatoes and Goat Cheese
- Lemon Napoleons

Wednesday, September 6**Lunch**

- Salmon Fillet w/Watercress Sauce
- Orzo w/Pine Nuts, Tomatoes and Arugula
- Chocolate Raspberry Cake

[Chez Leon Menu](#)

Call x4598 to make your reservation.

Search

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Info

systems for the ILC--is a bit like her new pastime. "For me, all problems at that level are logic problems," she said. "What is my goal? What is the best way that I'm going to go about doing that? It's the problem solving that I think is the same." Votava built in "cool, geeky" features, like links to Metra schedules for each nearby station and a map of Warrenville that can be moved within the picture frame on the homepage. Hotlinks take the visitor outside of Warrenville, to places like the vintage Paramount Theater in Aurora, hayrides at the Danada Equestrian Center, and the Green County Cheese Days Festival in Wisconsin. "I'm just hoping it will help people in the community realize what is going on," she said. "And I'm always open to suggestions."

Find cheese festivals, catfish-cleaning lessons and more on Votava's [website](#).

--Siri Steiner

Readers Write**Zoo Event**

In response to yesterday's [zoo event story](#), we received the following letter....

Dear FT:

Here is my contribution to the "zoo event" nomenclature. The term was used quite a bit when I was a graduate student in Berkeley, almost 50 years ago, working in bubble chamber physics. We had a collection of events which were not readily explicable. Luis Alvarez, our mentor, urged students frequently to look at the zoo events to look for possible new physics. Actually, the muon induced fusion was discovered by looking at zoo events.

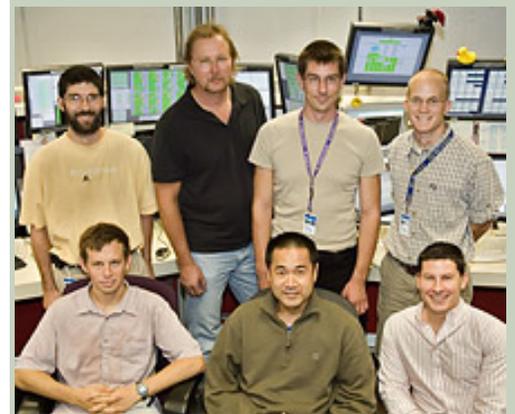
Cheers,

Stan Wojcicki

collection efficiency has rapidly returned to the high levels seen prior to the early 2006 shutdown.

Run IIb of the Tevatron has also forced a change in how data will be analyzed at DZero. The higher luminosities represent a significantly changed data collection environment, with more proton-antiproton interactions and thus, more activity in the detector. The algorithms used to identify different particles are being adapted for these new conditions.

2006 has been a very successful year for DZero. To give just a couple of examples, it achieved the first direct two-sided bound on the B_s oscillation frequency and obtained first evidence for the associated production of W and Z boson pairs in proton-antiproton collisions. With all of the developments described above, DZero is anticipating an even richer physics harvest in 2007 with a 2fb^{-1} data set (roughly twice the current amount). A broad range of results will benefit greatly from the increased statistics.



The successful operation of the DZero Silicon Microstrip Tracker depends upon the contributions of a team of experts, as well as support personnel. **Back row, from left:** Michele Weber, Mike Utes, Kristian Harder, Derek Strom. **Front row, from left:** Dmitri Tsybychev, Kazu Hanagaki, Marco Carrasco. Not pictured: Michael Kirby.

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cospokesman for the MINOS experiment

If you would like to submit a letter, write to us at today@fnal.gov.

Milestones



Retirement: Priscilla Meldrim, a Public Information Specialist in the Education Office, retires tomorrow after 11 years of service. She will be replaced by docent Sue Sheehan. "I'm going to miss our conversations, her sense of humor and her really positive attitude and support," said colleague Nancy Lanning. "But I look forward to working with Sue, too. She's a hoot." (Click on image for larger version.)

In the News

Brookhaven Laboratory News, August 30, 2006: Nobel Laureate Melvin Schwartz Dies, August 28

Co-Discovered the Muon Neutrino at Brookhaven Lab in 1962

UPTON, NY – Melvin Schwartz, co-winner of the Nobel Prize in Physics, died on August 28, in Twin Falls, Idaho, after a long struggle with Parkinson's disease. In 1962, Schwartz, with Leon Lederman and Jack Steinberger, at the time all of Columbia University, discovered the muon neutrino at the Alternating Gradient Synchrotron (AGS), the then brand-new accelerator at the U. S. Department of Energy's Brookhaven

[Result of the Week Archive](#)

Announcements

NALWO Picnic

NALWO will hold a fall picnic on September 15, from 5:30 to 8:00 p.m. just outside the Kuhn Barn. Meet friendly lab families and join us for an evening of supper and games. Children are welcome; each family gets a Fermilab frisbee. Please bring food to grill, and a dish to share among 8 people, such as a casserole, salad or side dish. NALWO will provide charcoal grills, plates and cutlery, soft drinks and desserts. For additional information, contact the Housing Office, 630/840-3777 or housing@fnal.gov; Rose Moore, 630/208-9309 or Christiane Albrow, 630/717-8906.

Weekly Time Sheets Due Tomorrow

Due to the holiday on Monday, weekly time sheets are due in Payroll by 10:00 a. m. on Friday, September 1.

English country dancing

English country dancing will next meet on Sunday, September 24, at 2 p.m. in Kuhn Barn. The meeting date will change to the first Sunday of the month, beginning in November. Newcomers are welcome; partners and previous experience are not required. Please contact folkdance@fnal.gov or call 630-584-0825 or 630-840-8194.

[Upcoming Activities](#)

National Laboratory. The three researchers shared the 1988 Nobel Prize for this discovery.

[Read More](#)